· · ·	sign (+) inside this box \longrightarrow \oplus Reduction Act of 1995, no persons are required to	PTO/SB/05 (11-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE respond to a collection of information unless it displays a valid OMB control number.
	UTILITY ENT APPLICATION TRANSMITTAL	Attorney Docket No.500.34077CC3First InventorAtsushi MAKI et al.TitleOptical System For Measuring Metabolisme
Only for new non	provisional applications under 37 CFR 1.53(b)) Express Mail Label No.
	PLICATION ELEMENTS	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
1. X Fee Trans (Submit an origination of the See 37 CF 2. Applicant of See 37 CF 3. X Specification (preferred an - Descrip - Cross R - Statemen or a con - Backgro - Brief St - Brief De - Detailed - Claim(s - Abstrace Verf ' d 4. X Drawing(s - Copy b. 5. Oath or Declaration a. a. New Copy (for copy and an and an and an and an and an and an and an an an an an an an an an an an an an an an an a	mittal Form (e.g., PTO/SB/17) ginal and a duplicate for fee processing) claims small entity status. FR 1.27. tion [Total Pages 88]] rangement set forth below) tive title of the invention eference to Related Applications ent Regarding Fed sponsored R & D ce to sequence listing, a table, mputer program listing appendix bound of the Invention ummary of the Invention ummary of the Invention secription of the Drawings (if filed) d Description) t of the Disclosure Dec. w/Eng. X-latn s) (35 U.S.C. 113) [Total Sheets 21]	 7. CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) 8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or i paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) 11. X English Translation Document (<i>if applicable</i>) 12. X Information Disclosure Statement (IDS)/PTO-1449 13. X Preliminary Amendment Return Receint Postcard (MPEP 503)
18. If a CONTINUING or in an Application D ∑ Continuation Prior application informa For CONTINUATION O Box 5b, is considered	Data Sheet under 37 CFR 1.76: Divisional Continuation-in-part tion: Examiner E. Mantis Mercado R DIVISIONAL APPS only: The entire disclosure a part of the disclosure of the accompanying of control examples and the disclosure of the accompanying of the disclosure of the accompanying of the disclosure of the disclosure of the accompanying of the disclosure of the disclosure of the accompanying of the disclosure of the accompanying of the disclosure of the dis	
X Customer Numbe	r or Bar Code Label	
Name	ANTONELLI, TERRY, STO	UT & KRAUS, LLP
Address City	1300 North Seventeenth Stre Suite 1800	
Country	ArlingtonUSA	State Virginia Zip Code 22209 Telephone 703-312-6600 Fax 703-312-6666
Name (Print/Type Signature	e) Partt J. Skwierawski Van M. Shurmanoli	Registration No. (Attorney/Agent) 32,173 Date 9 July 2001 e. Time will vary depending upon the needs of the individual case. Any comments on

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				(Complete if Known		
FEE TRANSMITTAL	Applie	Application Number			Unassigned		
for FY 2001	Filing	Filing Date		9 July 2001			
	First	Named In	ventor	Atsu	shi MAKI et al.		
Patent fees are subject to annual revision.	Exam	Examiner Name		Unassigned (Parent-E. Mantis Mercader)			
	Grou	o / Art Un	it	Unas	ssigned (Parent-3737)		
TOTAL AMOUNT OF PAYMENT (\$) 710	Attorr	Attorney Docket No.			500.34077CC3		
METHOD OF PAYMENT (check one)	<u> </u>			FEE C	ALCULATION (continued)		
The Commissioner is hereby authorized to charge	3. AD	DITIONAL	. FEES				
1. Indicated fees and credit any over payments to:		Large Entity		Smali Entity			
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Paid	
Account 01-2135 (Order No. 500.34077CC3 Number	105	130	205	(*) 65	Surcharge - late filing fee or oath		
Deposit	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		
Account ANTONELLI, TERRY, STOUT & KRAUS, LLP	139 147	130	139	130	Non-English specification		
Name		2,520 920*	147 112	2,520 920*	For filing a request for reexamination Requesting publication of SIR prior to		
Under 37 CFR 1.16 and 1.17		520		520	Examiner action		
Applicant claims small entity status. See 37 CFR 1.27		1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
2. 🛛 Payment Enclosed:	115	110	215	55	Extension for reply within first month		
Check 🛛 Credit card 🗌 Money 🔲 Other	116	390	216	195	Extension for reply within second month		
		890	217	445	Extension for reply within third month		
		1,390	218	695	Extension for reply within fourth		
1. BASIC FILING FEE Large Entity Small Entity	128	1,890	228	945	month Extension for reply within fifth month		
Fee Fee Fee Fee Description		310	219	155	Notice of Appeal		
Code (\$) Code (\$) Fee Paid	120	310	220	155	Filing a brief in support of an appeal		
101 710 201 355 Utility filing fee 710 106 320 206 160 Design filing fee 100	121	270	221	135	Request for oral hearing		
107 490 207 245 Plant filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding		
108 710 208 355 Reissue filing fee	140	110	240	55	Petition to revive – unavoidable		
114 150 214 75 Provisional filling fee	141	1,240	241	620	Petition to revive – unintentional		
SUBTOTAL (1) (\$) 710		1,240	242	620	Utility issue fee (or reissue)		
		440	243 244	220	Design issue fee		
2. EXTRA CLAIM FEES Extra Fee from Fee	144 122	600 130	122	300 130	Plant issue fee Petitions to the Commissioner		
Extra Fee from Fee Claims below Paid otal Claims 19 -20 = 0 X 18 = 0	123	130	123	130	Petitions related to provisional		
dependent 1 -3 = 0 \times 0 = 0	126	180	126	180	applications Submission of Information Disclosure Stmt		
ultiple $0 X 0 = 0$	581	40	581	40	Recording each patent assignment per property (times number of properties)		
Large Entity Small Entity	146	710	246	355	Filing a submission after final rejection		
Fee Fee Fee Description Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	149	710	249	355	(37 CFR § 1.129(a)) For each additional invention to be		
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3					examined (37 CFR § 1.129(b))		
104 270 204 135 Multiple dependent claim, if not paid	179	710	279	355	Request for Continued Examination (RCE)		
109 80 209 40 ** Reissue independent claims over original patent	169	900	169	900	Request for expedited examination of a design application		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent							
SUBTOTAL (2) (\$) 0	Other	fee (specit	fy)	-			

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Complete (if applicable) SUBMITTED BY 703-312-6636 (Direct Dial) 32,173 Name (Print/Type) Payl d-Skwierawski Registration No. Attorney/Agent) Telephone 9 July 2001 h Date Signature a

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Atsushi MAKI et al.

Unassigned (§53b Continuation of 09/203,610 filed 2 December 1998) Serial No.:

Filed: 9 July 2001

OPTICAL SYSTEM FOR MEASURING For: METABOLISM IN A BODY AND IMAGING METHOD

Unassigned (Parent Application AU 3737) Group:

Unassigned (Parent Application Examiner E. Mantis Mercader) Examiner:

LETTER TO THE OFFICIAL DRAFTSPERSON

Assistant Commissioner for Patents Washington, D.C. 20231 ATTENTION: Ms. Bridget Gray

9 July 2001

Sir:

In the matter of the above-identified application, Applicants hereby submit

twenty-one (21) pages of formal drawings for Figures 1-10, 11A, 11B, 12A, 12B,

13-16, 17A, 17B and 18-23.

Approval and entry of the attached formal drawings are courteously solicited.

Respectfully submitted,

in shi

Paul J, Skwierawski, Registration No. 32,173 Carl I. Brundidge, Registration No. 29,621 ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 North Seventeenth Street, Suite 1800 Arlington, VA 22209 Telephone 703-312-6600 Facsimile 703-312-6666

ATTACHMENTS: Formal Drawings (21 sheets)-FIGs. 1-23